



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Final Analytical Report

Site Name.....	Dimock Residential Groundwater
Sample Collection Date(s).....	02/01/12 10:10- 02/03/12 15:20
Contact.....	Rich Fetzer
Report Date.....	03/05/12 08:47
Project #.....	DAS R33907
Work Order.....	1202001

Analyses included in this report:

Alcohols by EPA 8015D	SVOCs by CLP Equivalent
VOCs by CLP Equivalent (trace)	

Approved for Release

1202001 FINAL PART 2 OF 3

DAS R33907

03 05 12 848

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OASQA Representative



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Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Report Narrative

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Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Report Narrative

The EPA Region 3 Laboratory's Quality System is NELAP accredited. The National Environmental Laboratory Accreditation Program (NELAP) is a voluntary environmental laboratory accreditation association of State and Federal agencies.

General Notes:

This report contains results for Volatiles (VOAs), Semivolatiles (SVOAs), and Alcohol analyses only. All other parameters identified on the chain-of-custody form are included in separate reports. Lab Sample numbers 1202001-02, -04, -09, -11, -12, -14, -16, -18, -21, -25, -27, -29, -31, -33, 1202001-37 thru -42, and 1202001-51 are not included in this report since these samples were designated for Metals and Mercury analyses only. Sample for location HW39-P is identified by two lab sample numbers (1202001-24 and 1202001-48). Lab Sample 1202001-48 is associated with the Volatile analysis only.

For Work Order 1202001 - **This is Report 2 of 3.**

All samples were received intact and at proper temperature.

Chain-of-Custody forms are included in Report 1 of 3 for this Work Order.

Analytical results for samples by the Orthophosphorus method are not included in this report. Instead samples were analyzed using the Total Phosphate method to eliminate any issues with holding times. Since the Orthophosphorus method was being used as a screening method to determine the need to analyze the sample by the Total Phosphate method, results for Total Phosphate are not impacted.

Samples designated for the analysis of Oil & Grease were received in sample containers inconsistent with the type needed for the routine extraction procedure. Therefore, all samples were extracted using the manual extraction technique.

Where applicable, sample results are qualified based on the highest level concentrations of field QC contamination found in the field, equipment, or trip blanks.

Unless otherwise noted below, all required instrument and method QC was run and was within criteria.

SVOAs Analysis Note:

All samples were extracted by EPA SW-846 Method 3520C followed by analysis using EPA SW-846 Method 8270D. Refer to notes in case file for additional information regarding the analysis.

For this project two additional compounds are added to the SVOC analysis; 2-methoxyethanol and 1-methylnaphthalene. A separate calibration curve is used for these compounds with quality control requirements per the On-Demand protocol. For 2-methoxyethanol, the analysis is also being completed on each sample using the HPLC/MS/MS technique (Glycol analysis). Since SVOC extraction efficiencies are problematic for 2-methoxyethanol, the results from the HPLC/MS/MS technique should be used for these samples.

For all samples quantitation limits for 2-methoxyethanol are elevated due to zero percent recovery in the low-spike quality control check (BS1). For several samples quantitation limits for 2,4-dinitrophenol and 3,3'-dichlorobenzidine are elevated due to zero percent recovery in the low-spike quality control check (BS1). For several samples, quantitation limits for acenaphthene, bis(2-chloroisopropyl) ether, 4-bromophenyl phenyl ether, 4,6-dinitro-2-methylphenol, 2,6-dinitrotoluene, fluorene, pentachlorophenol, phenanthrene, pyrene, 4-chloroaniline, and 3-nitroaniline are elevated due to low percent recovery in the low-spike quality control check (BS1). Results for most of the mid-level spike quality control check (BS2) are within acceptance limits; therefore, quantitation limits are raised to the mid-level value. Results for the mid-level quality control check for 2-methoxyethanol for several samples are qualified as rejected "R" due to zero percent recovery. In the report, only 16 compounds are reported for blank spike quality control check samples. Quality control



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Report Narrative

information about the additional spiked compounds is available in the case file.

For sample 1202001-17, quantitation limit for hexachloroethane is qualified as estimated "UJ" due to low recovery in the matrix spike quality control check.

Surrogates were double spiked in sample 1202001-05. Recovery criteria were met with no impact on quality of results.

Result for bis-(2-ethylhexyl)phthalate in the laboratory blank (BB20502-BLK) is 1.1 ug/L. Sample results are qualified as possible blank contamination "B" when the value is less than 10x the laboratory blank value. For sample 1202001-23 the bis-(2-ethylhexyl)phthalate result is 5.7 ug/L; which is less than the 10x value but greater than 5x.

Results for a limited number of parameters found in all samples have been qualified "B" because of contamination found in either the method blank, field blank, or equipment blank.

VOA Analysis Note:

Acrylonitrile was analyzed on-demand using CLP equivalent methodology. This analyte does not appear in the data tables or the QC summary and all data for this compound is summarized here. Acrylonitrile was not detected in any of the samples above a quantitation limit of 2 ug/L. A four point curve was analyzed (2, 5, 10 and 20 ug/L). The samples were preserved to a pH<2 with HCl. A low level second source blank spike analyzed at a concentration of 2 ug/L had a recovery of 140%. A mid level second source blank spike analyzed at a concentration of 5 ug/L had a recovery of 95%. Matrix spike/matrix spike duplicate analysis was performed for samples 1202001-17 and 1202001-23. Matrix spike recoveries for sample 1202001-17 were 105% and 91%. Matrix spike recoveries for sample 1202001-23 were 97% and 103%.

2-Chloroethylvinyl ether is not included in the analysis. 2-chloroethylvinyl ether breaks down in acidified samples.

Acetone values greater than 2 ug/L have been qualified with a "J", estimated, since the initial calibration curve was outside of acceptance limits for this compound.

Alcohols Analysis Note:

All required instrument QC was run and was within the required criteria.

REPORT 2 of 3



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ANALYTICAL REPORT FOR SAMPLES

Table with 5 columns: Station ID, Laboratory ID, Matrix, Date Sampled, Date Received. Contains 30 rows of sample data.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW42 Lab ID: 1202001-01
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW42 Lab ID: 1202001-01
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW42	Lab ID: 1202001-01
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/05/12	02/06/12 19:00	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 2-Fluorophenol</i>	53.9		54 %	<i>21-110</i>	02/05/12	02/06/12 19:00	<i>R3QA201</i>
<i>Surrogate: Phenol-d5</i>	60.4		60 %	<i>10-110</i>	02/05/12	02/06/12 19:00	<i>R3QA201</i>
<i>Surrogate: Nitrobenzene-d5</i>	25.6		51 %	<i>35-114</i>	02/05/12	02/06/12 19:00	<i>R3QA201</i>
<i>Surrogate: 2-Fluorobiphenyl</i>	25.9		52 %	<i>43-116</i>	02/05/12	02/06/12 19:00	<i>R3QA201</i>
<i>Surrogate: 2,4,6-Tribromophenol</i>	61.1		61 %	<i>10-123</i>	02/05/12	02/06/12 19:00	<i>R3QA201</i>
<i>Surrogate: Terphenyl-d14</i>	32.2		64 %	<i>33-141</i>	02/05/12	02/06/12 19:00	<i>R3QA201</i>

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.7	B, J	2.0	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 12:12	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW42 Lab ID: 1202001-01
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Station ID: HW42 Lab ID: 1202001-01
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW46	Lab ID: 1202001-03
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Alcohols
Targets**

Analyte	Result ug/mL	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
1-Butanol	U		10.0	1	02/04/12	02/04/12 14:29	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/04/12	02/04/12 14:29	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/04/12	02/04/12 14:29	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/04/12	02/04/12 14:29	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/04/12	02/04/12 14:29	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acenaphthene	U		57.1	1	02/05/12	02/06/12 19:50	R3QA201
Acenaphthylene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Acetophenone	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Anthracene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Atrazine	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Benzaldehyde	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Benzo(a)anthracene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Benzo(a)pyrene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Benzo(b)fluoranthene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Benzo(ghi)perylene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Benzo(k)fluoranthene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
1,1-Biphenyl	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Bis(2-chloroethoxy)methane	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Bis(2-chloroethyl)ether	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Bis(2-chloroisopropyl)ether	U		57.1	1	02/05/12	02/06/12 19:50	R3QA201
Bis(2-ethylhexyl)phthalate	0.091	B, J	4.76	1	02/05/12	02/06/12 19:50	R3QA201
4-Bromophenyl phenyl ether	U		57.1	1	02/05/12	02/06/12 19:50	R3QA201
Butyl benzyl phthalate	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Carbazole	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Caprolactam	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
4-Chloroaniline	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
4-Chloro-3-methylphenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2-Chloronaphthalene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2-Chlorophenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
4-Chlorophenyl phenyl ether	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Chrysene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Dibenz(a,h)anthracene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Dibenzofuran	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
3,3'-Dichlorobenzidine	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW46	Lab ID: 1202001-03
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

Semivolatile Organic Compounds
Targets (Continued)

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Diethyl phthalate	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2,4-Dichlorophenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2,4-Dimethylphenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Dimethyl phthalate	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2,4-Dinitrophenol	U		57.1	1	02/05/12	02/06/12 19:50	R3QA201
Di-n-butyl phthalate	0.323	B, J	4.76	1	02/05/12	02/06/12 19:50	R3QA201
4,6-Dinitro-2-methylphenol	U		57.1	1	02/05/12	02/06/12 19:50	R3QA201
2,4-Dinitrotoluene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2,6-Dinitrotoluene	U		57.1	1	02/05/12	02/06/12 19:50	R3QA201
Di-n-octyl phthalate	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Fluoranthene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Fluorene	U		57.1	1	02/05/12	02/06/12 19:50	R3QA201
Hexachlorobenzene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Hexachlorobutadiene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Hexachlorocyclopentadiene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Hexachloroethane	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Indeno(1,2,3-cd)pyrene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Isophorone	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2-Methoxyethanol	U	R	57.1	1	02/05/12	02/06/12 19:50	R3QA201
1-Methylnaphthalene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2-Methylnaphthalene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2-Methylphenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
4-Methylphenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Naphthalene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2-Nitroaniline	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
3-Nitroaniline	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
4-Nitroaniline	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Nitrobenzene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2-Nitrophenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
4-Nitrophenol	U		9.52	1	02/05/12	02/06/12 19:50	R3QA201
N-Nitrosodimethylamine	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
N-Nitroso-di-n-propylamine	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
N-Nitrosodiphenylamine	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Pentachlorophenol	U		57.1	1	02/05/12	02/06/12 19:50	R3QA201
Phenanthrene	U		57.1	1	02/05/12	02/06/12 19:50	R3QA201
Phenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
Pyrene	U		57.1	1	02/05/12	02/06/12 19:50	R3QA201
1,2,4,5-Tetrachlorobenzene	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2,3,4,6-Tetrachlorophenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201
2,4,5-Trichlorophenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW46	Lab ID: 1202001-03
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		4.76	1	02/05/12	02/06/12 19:50	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	47.6		50 %	21-110	02/05/12	02/06/12 19:50	R3QA201
Surrogate: Phenol-d5	54.6		57 %	10-110	02/05/12	02/06/12 19:50	R3QA201
Surrogate: Nitrobenzene-d5	23.1		49 %	35-114	02/05/12	02/06/12 19:50	R3QA201
Surrogate: 2-Fluorobiphenyl	24.0		50 %	43-116	02/05/12	02/06/12 19:50	R3QA201
Surrogate: 2,4,6-Tribromophenol	57.4		60 %	10-123	02/05/12	02/06/12 19:50	R3QA201
Surrogate: Terphenyl-d14	31.1		65 %	33-141	02/05/12	02/06/12 19:50	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.4	B, J	2.0	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW46 Lab ID: 1202001-03
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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 Office of Analytical Services and Quality Assurance
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 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW46	Lab ID: 1202001-03
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Trichloroethene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/08/12	02/08/12 12:39	CLP trace/R3QA210

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 4-Bromofluorobenzene</i>	3.980		100 %	<i>86-115</i>	02/08/12	02/08/12 12:39	<i>CLP trace/R3QA210</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.330		108 %	<i>76-114</i>	02/08/12	02/08/12 12:39	<i>CLP trace/R3QA210</i>
<i>Surrogate: Toluene-d8</i>	4.120		103 %	<i>88-110</i>	02/08/12	02/08/12 12:39	<i>CLP trace/R3QA210</i>



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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW46-P Lab ID: 1202001-05
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, and 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



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701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW46-P	Lab ID: 1202001-05
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

Semivolatile Organic Compounds
Targets (Continued)

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Diethyl phthalate	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2,4-Dichlorophenol	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2,4-Dimethylphenol	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Dimethyl phthalate	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2,4-Dinitrophenol	U		57.1	1	02/05/12	02/06/12 20:41	R3QA201
Di-n-butyl phthalate	0.270	B, J	4.76	1	02/05/12	02/06/12 20:41	R3QA201
4,6-Dinitro-2-methylphenol	U		57.1	1	02/05/12	02/06/12 20:41	R3QA201
2,4-Dinitrotoluene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2,6-Dinitrotoluene	U		57.1	1	02/05/12	02/06/12 20:41	R3QA201
Di-n-octyl phthalate	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Fluoranthene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Fluorene	U		57.1	1	02/05/12	02/06/12 20:41	R3QA201
Hexachlorobenzene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Hexachlorobutadiene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Hexachlorocyclopentadiene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Hexachloroethane	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Indeno(1,2,3-cd)pyrene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Isophorone	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2-Methoxyethanol	U	R	57.1	1	02/05/12	02/06/12 20:41	R3QA201
1-Methylnaphthalene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2-Methylnaphthalene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2-Methylphenol	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
4-Methylphenol	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Naphthalene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2-Nitroaniline	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
3-Nitroaniline	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
4-Nitroaniline	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Nitrobenzene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2-Nitrophenol	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
4-Nitrophenol	U		9.52	1	02/05/12	02/06/12 20:41	R3QA201
N-Nitrosodimethylamine	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
N-Nitroso-di-n-propylamine	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
N-Nitrosodiphenylamine	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Pentachlorophenol	U		57.1	1	02/05/12	02/06/12 20:41	R3QA201
Phenanthrene	U		57.1	1	02/05/12	02/06/12 20:41	R3QA201
Phenol	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
Pyrene	U		57.1	1	02/05/12	02/06/12 20:41	R3QA201
1,2,4,5-Tetrachlorobenzene	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2,3,4,6-Tetrachlorophenol	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201
2,4,5-Trichlorophenol	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201



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Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW46-P	Lab ID: 1202001-05
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
2,4,6-Trichlorophenol	U		4.76	1	02/05/12	02/06/12 20:41	R3QA201

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate: 2-Fluorophenol	107	A	113 %	21-110	02/05/12	02/06/12 20:41	R3QA201
Surrogate: Phenol-d5	119	A	125 %	10-110	02/05/12	02/06/12 20:41	R3QA201
Surrogate: Nitrobenzene-d5	51.4		108 %	35-114	02/05/12	02/06/12 20:41	R3QA201
Surrogate: 2-Fluorobiphenyl	49.4		104 %	43-116	02/05/12	02/06/12 20:41	R3QA201
Surrogate: 2,4,6-Tribromophenol	125	A	132 %	10-123	02/05/12	02/06/12 20:41	R3QA201
Surrogate: Terphenyl-d14	58.2		122 %	33-141	02/05/12	02/06/12 20:41	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acetone	0.5	B, J	2.0	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW46-P	Lab ID: 1202001-05
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
1,2-Dibromo-3-chloropropane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,2-Dibromoethane (EDB)	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Dibromomethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,2-Dichlorobenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,3-Dichlorobenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,4-Dichlorobenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Dichlorodifluoromethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,1-Dichloroethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,2-Dichloroethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,1-Dichloroethene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
cis-1,2-Dichloroethene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
trans-1,2-Dichloroethene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,2-Dichloropropane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,3-Dichloropropane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
2,2-Dichloropropane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,1-Dichloropropene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
cis-1,3-Dichloropropene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
trans-1,3-Dichloropropene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Ethylbenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Freon 113	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Styrene	U		1.0	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Tetrachloroethene	0.1	J	0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Toluene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW46-P	Lab ID: 1202001-05
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Trichloroethene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/08/12	02/08/12 13:06	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 4-Bromofluorobenzene</i>	3.850		96 %	86-115	02/08/12	02/08/12 13:06	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.180		104 %	76-114	02/08/12	02/08/12 13:06	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.150		104 %	88-110	02/08/12	02/08/12 13:06	CLP trace/R3QA210



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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB15 Lab ID: 1202001-06
Sample Matrix: Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone (3.9 ug/L), Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB15	Lab ID: 1202001-06
Sample Matrix: Water	Date Collected: 02/02/2012

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Freon 113	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Methylene Chloride	0.1	J	0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Styrene	U		1.0	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Toluene	0.9		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/08/12	02/08/12 13:33	CLP trace/R3QA210

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 4-Bromofluorobenzene</i>	3.970		99 %	86-115	02/08/12	02/08/12 13:33	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.200		105 %	76-114	02/08/12	02/08/12 13:33	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.160		104 %	88-110	02/08/12	02/08/12 13:33	CLP trace/R3QA210



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Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: FB09	Lab ID: 1202001-07
Sample Matrix: Water	Date Collected: 02/02/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/04/12	02/04/12 14:57	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/04/12	02/04/12 14:57	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/04/12	02/04/12 14:57	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/04/12	02/04/12 14:57	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/04/12	02/04/12 14:57	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		60.0	1	02/05/12	02/06/12 21:32	R3QA201
Acenaphthylene	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Acetophenone	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Anthracene	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Atrazine	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Benzaldehyde	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Benzo(a)anthracene	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Benzo(a)pyrene	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
1,1-Biphenyl	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Bis(2-chloroisopropyl)ether	U		60.0	1	02/05/12	02/06/12 21:32	R3QA201
Bis(2-ethylhexyl)phthalate	0.106	B, J	5.00	1	02/05/12	02/06/12 21:32	R3QA201
4-Bromophenyl phenyl ether	U		60.0	1	02/05/12	02/06/12 21:32	R3QA201
Butyl benzyl phthalate	0.020	J	5.00	1	02/05/12	02/06/12 21:32	R3QA201
Carbazole	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Caprolactam	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
4-Chloroaniline	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
2-Chloronaphthalene	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
2-Chlorophenol	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Chrysene	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
Dibenzofuran	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB09 Lab ID: 1202001-07
Sample Matrix: Water Date Collected: 02/02/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: FB09	Lab ID: 1202001-07
Sample Matrix: Water	Date Collected: 02/02/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/05/12	02/06/12 21:32	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	57.7		58 %	21-110	02/05/12	02/06/12 21:32	R3QA201
Surrogate: Phenol-d5	63.7		64 %	10-110	02/05/12	02/06/12 21:32	R3QA201
Surrogate: Nitrobenzene-d5	27.4		55 %	35-114	02/05/12	02/06/12 21:32	R3QA201
Surrogate: 2-Fluorobiphenyl	27.8		56 %	43-116	02/05/12	02/06/12 21:32	R3QA201
Surrogate: 2,4,6-Tribromophenol	62.2		62 %	10-123	02/05/12	02/06/12 21:32	R3QA201
Surrogate: Terphenyl-d14	36.0		72 %	33-141	02/05/12	02/06/12 21:32	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	4.4	J	2.0	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 14:00	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB09 Lab ID: 1202001-07
Sample Matrix: Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB09 Lab ID: 1202001-07
Sample Matrix: Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



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Site Name: Dimock Residential Groundwater
Station ID: FB08
Sample Matrix: Water
Project #: DAS R33907
Lab ID: 1202001-08
Date Collected: 02/01/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB08 Lab ID: 1202001-08
Sample Matrix: Water Date Collected: 02/01/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 9 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: FB08	Lab ID: 1202001-08
Sample Matrix: Water	Date Collected: 02/01/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
2,4,6-Trichlorophenol	U		4.76	1	02/05/12	02/06/12 22:22	R3QA201

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery Limits	Dilution	Prepared	Analyzed	Method/SOP#
Surrogate: 2-Fluorophenol	62.1		65 % 21-110		02/05/12	02/06/12 22:22	R3QA201
Surrogate: Phenol-d5	67.9		71 % 10-110		02/05/12	02/06/12 22:22	R3QA201
Surrogate: Nitrobenzene-d5	29.7		62 % 35-114		02/05/12	02/06/12 22:22	R3QA201
Surrogate: 2-Fluorobiphenyl	29.5		62 % 43-116		02/05/12	02/06/12 22:22	R3QA201
Surrogate: 2,4,6-Tribromophenol	62.4		66 % 10-123		02/05/12	02/06/12 22:22	R3QA201
Surrogate: Terphenyl-d14	35.2		74 % 33-141		02/05/12	02/06/12 22:22	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acetone	2.2	J	2.0	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Bromodichloromethane	0.06	J	0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
2-Butanone	0.6	J	2.0	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Chloroform	0.1	J	0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 14:27	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB08 Lab ID: 1202001-08
Sample Matrix: Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB08 Lab ID: 1202001-08
Sample Matrix: Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



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Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW34a Lab ID: 1202001-10
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW34a	Lab ID: 1202001-10
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

Semivolatile Organic Compounds
Targets (Continued)

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Diethyl phthalate	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2,4-Dichlorophenol	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2,4-Dimethylphenol	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Dimethyl phthalate	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2,4-Dinitrophenol	U		57.1	1	02/05/12	02/06/12 23:13	R3QA201
Di-n-butyl phthalate	0.317	B, J	4.76	1	02/05/12	02/06/12 23:13	R3QA201
4,6-Dinitro-2-methylphenol	U		57.1	1	02/05/12	02/06/12 23:13	R3QA201
2,4-Dinitrotoluene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2,6-Dinitrotoluene	U		57.1	1	02/05/12	02/06/12 23:13	R3QA201
Di-n-octyl phthalate	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Fluoranthene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Fluorene	U		57.1	1	02/05/12	02/06/12 23:13	R3QA201
Hexachlorobenzene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Hexachlorobutadiene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Hexachlorocyclopentadiene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Hexachloroethane	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Indeno(1,2,3-cd)pyrene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Isophorone	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2-Methoxyethanol	U	R	57.1	1	02/05/12	02/06/12 23:13	R3QA201
1-Methylnaphthalene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2-Methylnaphthalene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2-Methylphenol	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
4-Methylphenol	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Naphthalene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2-Nitroaniline	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
3-Nitroaniline	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
4-Nitroaniline	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Nitrobenzene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2-Nitrophenol	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
4-Nitrophenol	U		9.52	1	02/05/12	02/06/12 23:13	R3QA201
N-Nitrosodimethylamine	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
N-Nitroso-di-n-propylamine	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
N-Nitrosodiphenylamine	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Pentachlorophenol	U		57.1	1	02/05/12	02/06/12 23:13	R3QA201
Phenanthrene	U		57.1	1	02/05/12	02/06/12 23:13	R3QA201
Phenol	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
Pyrene	U		57.1	1	02/05/12	02/06/12 23:13	R3QA201
1,2,4,5-Tetrachlorobenzene	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2,3,4,6-Tetrachlorophenol	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201
2,4,5-Trichlorophenol	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201



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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW34a	Lab ID: 1202001-10
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		4.76	1	02/05/12	02/06/12 23:13	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 2-Fluorophenol</i>	48.1		50 %	<i>21-110</i>	02/05/12	02/06/12 23:13	<i>R3QA201</i>
<i>Surrogate: Phenol-d5</i>	55.1		58 %	<i>10-110</i>	02/05/12	02/06/12 23:13	<i>R3QA201</i>
<i>Surrogate: Nitrobenzene-d5</i>	24.2		51 %	<i>35-114</i>	02/05/12	02/06/12 23:13	<i>R3QA201</i>
<i>Surrogate: 2-Fluorobiphenyl</i>	24.1		51 %	<i>43-116</i>	02/05/12	02/06/12 23:13	<i>R3QA201</i>
<i>Surrogate: 2,4,6-Tribromophenol</i>	51.8		54 %	<i>10-123</i>	02/05/12	02/06/12 23:13	<i>R3QA201</i>
<i>Surrogate: Terphenyl-d14</i>	30.4		64 %	<i>33-141</i>	02/05/12	02/06/12 23:13	<i>R3QA201</i>

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	1.0	B, J	2.0	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Carbon disulfide	1.4		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 14:54	CLP trace/R3QA210



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW34a Lab ID: 1202001-10
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW34a Lab ID: 1202001-10
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



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Site Name: Dimock Residential Groundwater
Station ID: HW42z
Sample Matrix: Drinking Water
Project #: DAS R33907
Lab ID: 1202001-13
Date Collected: 02/02/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW42z Lab ID: 1202001-13
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, etc., with their respective results and limits.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW42z	Lab ID: 1202001-13
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/05/12	02/07/12 00:03	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	57.6		58 %	21-110	02/05/12	02/07/12 00:03	R3QA201
Surrogate: Phenol-d5	63.6		64 %	10-110	02/05/12	02/07/12 00:03	R3QA201
Surrogate: Nitrobenzene-d5	28.0		56 %	35-114	02/05/12	02/07/12 00:03	R3QA201
Surrogate: 2-Fluorobiphenyl	27.3		55 %	43-116	02/05/12	02/07/12 00:03	R3QA201
Surrogate: 2,4,6-Tribromophenol	61.7		62 %	10-123	02/05/12	02/07/12 00:03	R3QA201
Surrogate: Terphenyl-d14	31.0		62 %	33-141	02/05/12	02/07/12 00:03	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.3	B, J	2.0	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 15:21	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW42z Lab ID: 1202001-13
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW42z Lab ID: 1202001-13
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB16 Lab ID: 1202001-15
Sample Matrix: Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone (4.3 ug/L), Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB16	Lab ID: 1202001-15
Sample Matrix: Water	Date Collected: 02/02/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Freon 113	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Methylene Chloride	0.1	J	0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Styrene	U		1.0	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Toluene	0.9		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/08/12	02/08/12 15:48	CLP trace/R3QA210

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 4-Bromofluorobenzene</i>	3.930		98 %	86-115	02/08/12	02/08/12 15:48	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.310		108 %	76-114	02/08/12	02/08/12 15:48	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.220		106 %	88-110	02/08/12	02/08/12 15:48	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW34a-P Lab ID: 1202001-17
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, and 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various organic compounds like Acenaphthene, Atrazine, and Bis(2-ethylhexyl)phthalate.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW34a-P Lab ID: 1202001-17
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various organic compounds like Diethyl phthalate, 2,4-Dichlorophenol, etc., with their respective results and limits.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW34a-P	Lab ID: 1202001-17
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/05/12	02/07/12 00:53	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	60.7		61 %	21-110	02/05/12	02/07/12 00:53	R3QA201
Surrogate: Phenol-d5	66.1		66 %	10-110	02/05/12	02/07/12 00:53	R3QA201
Surrogate: Nitrobenzene-d5	29.6		59 %	35-114	02/05/12	02/07/12 00:53	R3QA201
Surrogate: 2-Fluorobiphenyl	28.5		57 %	43-116	02/05/12	02/07/12 00:53	R3QA201
Surrogate: 2,4,6-Tribromophenol	61.1		61 %	10-123	02/05/12	02/07/12 00:53	R3QA201
Surrogate: Terphenyl-d14	31.8		64 %	33-141	02/05/12	02/07/12 00:53	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	1.3	B, J	2.0	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 16:15	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW34a-P Lab ID: 1202001-17
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW34a-P Lab ID: 1202001-17
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB14 Lab ID: 1202001-19
Sample Matrix: Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result (ug/L), Flags, Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB14	Lab ID: 1202001-19
Sample Matrix: Water	Date Collected: 02/01/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Freon 113	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Styrene	U		1.0	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Toluene	0.06	J	0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210
o-Xylene	0.1	J	1.0	1	02/08/12	02/08/12 16:42	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery Limits	%Recovery	Prepared	Analyzed	Method/SOP#
Surrogate: 4-Bromofluorobenzene	3.950		99 %	86-115	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Surrogate: 1,2-Dichloroethane-d4	4.360		109 %	76-114	02/08/12	02/08/12 16:42	CLP trace/R3QA210
Surrogate: Toluene-d8	4.170		104 %	88-110	02/08/12	02/08/12 16:42	CLP trace/R3QA210



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701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW28a	Lab ID: 1202001-20
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/07/12	02/08/12 10:41	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 10:41	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 10:41	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 10:41	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 10:41	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		60.0	1	02/05/12	02/07/12 04:15	R3QA201
Acenaphthylene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Acetophenone	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Anthracene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Atrazine	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Benzaldehyde	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Benzo(a)anthracene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Benzo(a)pyrene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
1,1-Biphenyl	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Bis(2-chloroisopropyl)ether	U		60.0	1	02/05/12	02/07/12 04:15	R3QA201
Bis(2-ethylhexyl)phthalate	0.086	B, J	5.00	1	02/05/12	02/07/12 04:15	R3QA201
4-Bromophenyl phenyl ether	U		60.0	1	02/05/12	02/07/12 04:15	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Carbazole	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Caprolactam	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
4-Chloroaniline	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2-Chloronaphthalene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2-Chlorophenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Chrysene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Dibenzofuran	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW28a	Lab ID: 1202001-20
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

Semivolatile Organic Compounds
 Targets (Continued)

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Diethyl phthalate	0.034	B, J	5.00	1	02/05/12	02/07/12 04:15	R3QA201
2,4-Dichlorophenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2,4-Dimethylphenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Dimethyl phthalate	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2,4-Dinitrophenol	U		60.0	1	02/05/12	02/07/12 04:15	R3QA201
Di-n-butyl phthalate	0.338	B, J	5.00	1	02/05/12	02/07/12 04:15	R3QA201
4,6-Dinitro-2-methylphenol	U		60.0	1	02/05/12	02/07/12 04:15	R3QA201
2,4-Dinitrotoluene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2,6-Dinitrotoluene	U		60.0	1	02/05/12	02/07/12 04:15	R3QA201
Di-n-octyl phthalate	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Fluoranthene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Fluorene	U		60.0	1	02/05/12	02/07/12 04:15	R3QA201
Hexachlorobenzene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Hexachlorobutadiene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Hexachlorocyclopentadiene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Hexachloroethane	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Indeno(1,2,3-cd)pyrene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Isophorone	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2-Methoxyethanol	U	R	60.0	1	02/05/12	02/07/12 04:15	R3QA201
1-Methylnaphthalene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2-Methylnaphthalene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2-Methylphenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
4-Methylphenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Naphthalene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2-Nitroaniline	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
3-Nitroaniline	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
4-Nitroaniline	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Nitrobenzene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2-Nitrophenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
4-Nitrophenol	U		10.0	1	02/05/12	02/07/12 04:15	R3QA201
N-Nitrosodimethylamine	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
N-Nitroso-di-n-propylamine	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
N-Nitrosodiphenylamine	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Pentachlorophenol	U		60.0	1	02/05/12	02/07/12 04:15	R3QA201
Phenanthrene	U		60.0	1	02/05/12	02/07/12 04:15	R3QA201
Phenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
Pyrene	U		60.0	1	02/05/12	02/07/12 04:15	R3QA201
1,2,4,5-Tetrachlorobenzene	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2,3,4,6-Tetrachlorophenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201
2,4,5-Trichlorophenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201



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701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW28a	Lab ID: 1202001-20
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/05/12	02/07/12 04:15	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	59.7		60 %	21-110	02/05/12	02/07/12 04:15	R3QA201
Surrogate: Phenol-d5	65.9		66 %	10-110	02/05/12	02/07/12 04:15	R3QA201
Surrogate: Nitrobenzene-d5	29.9		60 %	35-114	02/05/12	02/07/12 04:15	R3QA201
Surrogate: 2-Fluorobiphenyl	29.4		59 %	43-116	02/05/12	02/07/12 04:15	R3QA201
Surrogate: 2,4,6-Tribromophenol	66.3		66 %	10-123	02/05/12	02/07/12 04:15	R3QA201
Surrogate: Terphenyl-d14	33.1		66 %	33-141	02/05/12	02/07/12 04:15	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	U		2.0	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210



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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW28a Lab ID: 1202001-20
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW28a	Lab ID: 1202001-20
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Trichloroethene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/08/12	02/08/12 17:09	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 4-Bromofluorobenzene</i>	3.980		100 %	86-115	02/08/12	02/08/12 17:09	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.350		109 %	76-114	02/08/12	02/08/12 17:09	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.210		105 %	88-110	02/08/12	02/08/12 17:09	CLP trace/R3QA210



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Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW28a-P	Lab ID: 1202001-22
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Alcohols
Targets**

Analyte	Result ug/mL	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
1-Butanol	U		10.0	1	02/07/12	02/08/12 11:22	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 11:22	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 11:22	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 11:22	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 11:22	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acenaphthene	U		57.1	1	02/05/12	02/07/12 05:05	R3QA201
Acenaphthylene	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Acetophenone	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Anthracene	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Atrazine	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Benzaldehyde	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Benzo(a)anthracene	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Benzo(a)pyrene	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Benzo(b)fluoranthene	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Benzo(ghi)perylene	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Benzo(k)fluoranthene	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
1,1-Biphenyl	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Bis(2-chloroethoxy)methane	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Bis(2-chloroethyl)ether	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Bis(2-chloroisopropyl)ether	U		57.1	1	02/05/12	02/07/12 05:05	R3QA201
Bis(2-ethylhexyl)phthalate	0.108	B, J	4.76	1	02/05/12	02/07/12 05:05	R3QA201
4-Bromophenyl phenyl ether	U		57.1	1	02/05/12	02/07/12 05:05	R3QA201
Butyl benzyl phthalate	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Carbazole	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Caprolactam	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
4-Chloroaniline	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
4-Chloro-3-methylphenol	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
2-Chloronaphthalene	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
2-Chlorophenol	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
4-Chlorophenyl phenyl ether	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Chrysene	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Dibenz(a,h)anthracene	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
Dibenzofuran	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201
3,3'-Dichlorobenzidine	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201



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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW28a-P Lab ID: 1202001-22
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, etc.



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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW28a-P	Lab ID: 1202001-22
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		4.76	1	02/05/12	02/07/12 05:05	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	53.7		56 %	21-110	02/05/12	02/07/12 05:05	R3QA201
Surrogate: Phenol-d5	60.6		64 %	10-110	02/05/12	02/07/12 05:05	R3QA201
Surrogate: Nitrobenzene-d5	27.9		59 %	35-114	02/05/12	02/07/12 05:05	R3QA201
Surrogate: 2-Fluorobiphenyl	26.7		56 %	43-116	02/05/12	02/07/12 05:05	R3QA201
Surrogate: 2,4,6-Tribromophenol	62.1		65 %	10-123	02/05/12	02/07/12 05:05	R3QA201
Surrogate: Terphenyl-d14	31.1		65 %	33-141	02/05/12	02/07/12 05:05	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.7	B, J	2.0	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 17:36	CLP trace/R3QA210



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW28a-P Lab ID: 1202001-22
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW28a-P Lab ID: 1202001-22
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



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Site Name: Dimock Residential Groundwater
Station ID: HW39
Sample Matrix: Drinking Water
Project #: DAS R33907
Lab ID: 1202001-23
Date Collected: 02/03/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, and 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW39 Lab ID: 1202001-23
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



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701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW39	Lab ID: 1202001-23
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		4.76	1	02/05/12	02/07/12 05:56	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	45.7		48 %	21-110	02/05/12	02/07/12 05:56	R3QA201
Surrogate: Phenol-d5	50.9		53 %	10-110	02/05/12	02/07/12 05:56	R3QA201
Surrogate: Nitrobenzene-d5	23.8		50 %	35-114	02/05/12	02/07/12 05:56	R3QA201
Surrogate: 2-Fluorobiphenyl	22.2		47 %	43-116	02/05/12	02/07/12 05:56	R3QA201
Surrogate: 2,4,6-Tribromophenol	53.0		56 %	10-123	02/05/12	02/07/12 05:56	R3QA201
Surrogate: Terphenyl-d14	27.1		57 %	33-141	02/05/12	02/07/12 05:56	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.8	B, J	2.0	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210



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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW39 Lab ID: 1202001-23
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW39	Lab ID: 1202001-23
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Trichloroethene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/08/12	02/08/12 18:03	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 4-Bromofluorobenzene</i>	3.860		96 %	86-115	02/08/12	02/08/12 18:03	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.250		106 %	76-114	02/08/12	02/08/12 18:03	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.080		102 %	88-110	02/08/12	02/08/12 18:03	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW39-P	Lab ID: 1202001-24
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/07/12	02/08/12 11:49	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 11:49	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 11:49	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 11:49	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 11:49	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		60.0	1	02/05/12	02/07/12 06:46	R3QA201
Acenaphthylene	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Acetophenone	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Anthracene	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Atrazine	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Benzaldehyde	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Benzo(a)anthracene	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Benzo(a)pyrene	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
1,1-Biphenyl	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Bis(2-chloroisopropyl)ether	U		60.0	1	02/05/12	02/07/12 06:46	R3QA201
Bis(2-ethylhexyl)phthalate	0.118	B, J	5.00	1	02/05/12	02/07/12 06:46	R3QA201
4-Bromophenyl phenyl ether	U		60.0	1	02/05/12	02/07/12 06:46	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Carbazole	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Caprolactam	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
4-Chloroaniline	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
2-Chloronaphthalene	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
2-Chlorophenol	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Chrysene	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
Dibenzofuran	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/05/12	02/07/12 06:46	R3QA201



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW39-P Lab ID: 1202001-24
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, etc.



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Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW39-P Lab ID: 1202001-24
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Row 1: 2,4,6-Trichlorophenol, U, 5.00, 1, 02/05/12, 02/07/12 06:46, R3QA201

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 2-Fluorophenol, Phenol-d5, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, Terphenyl-d14



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Region 3 Environmental Science Center
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701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW40	Lab ID: 1202001-26
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/07/12	02/08/12 12:03	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 12:03	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 12:03	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 12:03	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 12:03	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		57.1	1	02/05/12	02/07/12 07:36	R3QA201
Acenaphthylene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Acetophenone	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Anthracene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Atrazine	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Benzaldehyde	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Benzo(a)anthracene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Benzo(a)pyrene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Benzo(b)fluoranthene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Benzo(ghi)perylene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Benzo(k)fluoranthene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
1,1-Biphenyl	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Bis(2-chloroethoxy)methane	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Bis(2-chloroethyl)ether	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Bis(2-chloroisopropyl)ether	U		57.1	1	02/05/12	02/07/12 07:36	R3QA201
Bis(2-ethylhexyl)phthalate	0.245	B, J	4.76	1	02/05/12	02/07/12 07:36	R3QA201
4-Bromophenyl phenyl ether	U		57.1	1	02/05/12	02/07/12 07:36	R3QA201
Butyl benzyl phthalate	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Carbazole	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Caprolactam	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
4-Chloroaniline	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
4-Chloro-3-methylphenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2-Chloronaphthalene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2-Chlorophenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
4-Chlorophenyl phenyl ether	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Chrysene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Dibenz(a,h)anthracene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Dibenzofuran	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
3,3'-Dichlorobenzidine	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW40	Lab ID: 1202001-26
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

Semivolatile Organic Compounds
Targets (Continued)

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Diethyl phthalate	0.037	B, J	4.76	1	02/05/12	02/07/12 07:36	R3QA201
2,4-Dichlorophenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2,4-Dimethylphenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Dimethyl phthalate	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2,4-Dinitrophenol	U		57.1	1	02/05/12	02/07/12 07:36	R3QA201
Di-n-butyl phthalate	0.450	B, J	4.76	1	02/05/12	02/07/12 07:36	R3QA201
4,6-Dinitro-2-methylphenol	U		57.1	1	02/05/12	02/07/12 07:36	R3QA201
2,4-Dinitrotoluene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2,6-Dinitrotoluene	U		57.1	1	02/05/12	02/07/12 07:36	R3QA201
Di-n-octyl phthalate	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Fluoranthene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Fluorene	U		57.1	1	02/05/12	02/07/12 07:36	R3QA201
Hexachlorobenzene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Hexachlorobutadiene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Hexachlorocyclopentadiene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Hexachloroethane	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Indeno(1,2,3-cd)pyrene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Isophorone	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2-Methoxyethanol	U	R	57.1	1	02/05/12	02/07/12 07:36	R3QA201
1-Methylnaphthalene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2-Methylnaphthalene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2-Methylphenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
4-Methylphenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Naphthalene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2-Nitroaniline	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
3-Nitroaniline	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
4-Nitroaniline	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Nitrobenzene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2-Nitrophenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
4-Nitrophenol	U		9.52	1	02/05/12	02/07/12 07:36	R3QA201
N-Nitrosodimethylamine	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
N-Nitroso-di-n-propylamine	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
N-Nitrosodiphenylamine	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Pentachlorophenol	U		57.1	1	02/05/12	02/07/12 07:36	R3QA201
Phenanthrene	U		57.1	1	02/05/12	02/07/12 07:36	R3QA201
Phenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
Pyrene	U		57.1	1	02/05/12	02/07/12 07:36	R3QA201
1,2,4,5-Tetrachlorobenzene	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2,3,4,6-Tetrachlorophenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201
2,4,5-Trichlorophenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201



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Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW40	Lab ID: 1202001-26
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		4.76	1	02/05/12	02/07/12 07:36	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	55.9		59 %	21-110	02/05/12	02/07/12 07:36	R3QA201
Surrogate: Phenol-d5	60.0		63 %	10-110	02/05/12	02/07/12 07:36	R3QA201
Surrogate: Nitrobenzene-d5	27.5		58 %	35-114	02/05/12	02/07/12 07:36	R3QA201
Surrogate: 2-Fluorobiphenyl	26.2		55 %	43-116	02/05/12	02/07/12 07:36	R3QA201
Surrogate: 2,4,6-Tribromophenol	54.3		57 %	10-123	02/05/12	02/07/12 07:36	R3QA201
Surrogate: Terphenyl-d14	28.4		60 %	33-141	02/05/12	02/07/12 07:36	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.5	B, J	2.0	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 18:29	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW40 Lab ID: 1202001-26
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Region 3 Environmental Science Center
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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW40 Lab ID: 1202001-26
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



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701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW40-P	Lab ID: 1202001-28
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/07/12	02/08/12 12:17	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 12:17	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 12:17	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 12:17	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 12:17	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		60.0	1	02/05/12	02/07/12 08:27	R3QA201
Acenaphthylene	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Acetophenone	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Anthracene	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Atrazine	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Benzaldehyde	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Benzo(a)anthracene	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Benzo(a)pyrene	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
1,1-Biphenyl	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Bis(2-chloroisopropyl)ether	U		60.0	1	02/05/12	02/07/12 08:27	R3QA201
Bis(2-ethylhexyl)phthalate	0.089	B, J	5.00	1	02/05/12	02/07/12 08:27	R3QA201
4-Bromophenyl phenyl ether	U		60.0	1	02/05/12	02/07/12 08:27	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Carbazole	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Caprolactam	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
4-Chloroaniline	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
2-Chloronaphthalene	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
2-Chlorophenol	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Chrysene	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
Dibenzofuran	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW40-P Lab ID: 1202001-28
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, etc.



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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW40-P	Lab ID: 1202001-28
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/05/12	02/07/12 08:27	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	54.6		55 %	21-110	02/05/12	02/07/12 08:27	R3QA201
Surrogate: Phenol-d5	55.0		55 %	10-110	02/05/12	02/07/12 08:27	R3QA201
Surrogate: Nitrobenzene-d5	27.6		55 %	35-114	02/05/12	02/07/12 08:27	R3QA201
Surrogate: 2-Fluorobiphenyl	25.7		51 %	43-116	02/05/12	02/07/12 08:27	R3QA201
Surrogate: 2,4,6-Tribromophenol	57.1		57 %	10-123	02/05/12	02/07/12 08:27	R3QA201
Surrogate: Terphenyl-d14	29.3		59 %	33-141	02/05/12	02/07/12 08:27	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.7	B, J	2.0	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 18:56	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW40-P Lab ID: 1202001-28
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW40-P Lab ID: 1202001-28
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW41	Lab ID: 1202001-30
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/07/12	02/08/12 12:30	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 12:30	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 12:30	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 12:30	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 12:30	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		60.0	1	02/05/12	02/07/12 09:17	R3QA201
Acenaphthylene	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Acetophenone	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Anthracene	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Atrazine	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Benzaldehyde	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Benzo(a)anthracene	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Benzo(a)pyrene	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
1,1-Biphenyl	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Bis(2-chloroisopropyl)ether	U		60.0	1	02/05/12	02/07/12 09:17	R3QA201
Bis(2-ethylhexyl)phthalate	0.098	B, J	5.00	1	02/05/12	02/07/12 09:17	R3QA201
4-Bromophenyl phenyl ether	U		60.0	1	02/05/12	02/07/12 09:17	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Carbazole	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Caprolactam	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
4-Chloroaniline	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
2-Chloronaphthalene	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
2-Chlorophenol	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Chrysene	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
Dibenzofuran	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW41 Lab ID: 1202001-30
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, etc.



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701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW41	Lab ID: 1202001-30
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
2,4,6-Trichlorophenol	U		5.00	1	02/05/12	02/07/12 09:17	R3QA201

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery %Recovery	Limit	Prepared	Analyzed	Method/SOP#
Surrogate: 2-Fluorophenol	55.7		56 %	21-110	02/05/12	02/07/12 09:17	R3QA201
Surrogate: Phenol-d5	61.3		61 %	10-110	02/05/12	02/07/12 09:17	R3QA201
Surrogate: Nitrobenzene-d5	28.0		56 %	35-114	02/05/12	02/07/12 09:17	R3QA201
Surrogate: 2-Fluorobiphenyl	25.4		51 %	43-116	02/05/12	02/07/12 09:17	R3QA201
Surrogate: 2,4,6-Tribromophenol	57.6		58 %	10-123	02/05/12	02/07/12 09:17	R3QA201
Surrogate: Terphenyl-d14	29.2		58 %	33-141	02/05/12	02/07/12 09:17	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acetone	0.5	B, J	2.0	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Chloroform	0.05	B, J	0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210



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Office of Analytical Services and Quality Assurance
701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW41 Lab ID: 1202001-30
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW41	Lab ID: 1202001-30
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Trichloroethene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/08/12	02/08/12 19:23	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 4-Bromofluorobenzene</i>	3.770		94 %	86-115	02/08/12	02/08/12 19:23	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.380		110 %	76-114	02/08/12	02/08/12 19:23	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.210		105 %	88-110	02/08/12	02/08/12 19:23	CLP trace/R3QA210



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Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW41-P	Lab ID: 1202001-32
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/07/12	02/08/12 12:44	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 12:44	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 12:44	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 12:44	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 12:44	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		57.1	1	02/05/12	02/07/12 10:08	R3QA201
Acenaphthylene	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Acetophenone	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Anthracene	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Atrazine	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Benzaldehyde	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Benzo(a)anthracene	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Benzo(a)pyrene	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Benzo(b)fluoranthene	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Benzo(ghi)perylene	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Benzo(k)fluoranthene	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
1,1-Biphenyl	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Bis(2-chloroethoxy)methane	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Bis(2-chloroethyl)ether	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Bis(2-chloroisopropyl)ether	U		57.1	1	02/05/12	02/07/12 10:08	R3QA201
Bis(2-ethylhexyl)phthalate	0.110	B, J	4.76	1	02/05/12	02/07/12 10:08	R3QA201
4-Bromophenyl phenyl ether	U		57.1	1	02/05/12	02/07/12 10:08	R3QA201
Butyl benzyl phthalate	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Carbazole	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Caprolactam	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
4-Chloroaniline	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
4-Chloro-3-methylphenol	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
2-Chloronaphthalene	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
2-Chlorophenol	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
4-Chlorophenyl phenyl ether	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Chrysene	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Dibenz(a,h)anthracene	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
Dibenzofuran	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201
3,3'-Dichlorobenzidine	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW41-P Lab ID: 1202001-32
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



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701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW41-P	Lab ID: 1202001-32
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		4.76	1	02/05/12	02/07/12 10:08	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	46.5		49 %	21-110	02/05/12	02/07/12 10:08	R3QA201
Surrogate: Phenol-d5	52.7		55 %	10-110	02/05/12	02/07/12 10:08	R3QA201
Surrogate: Nitrobenzene-d5	24.3		51 %	35-114	02/05/12	02/07/12 10:08	R3QA201
Surrogate: 2-Fluorobiphenyl	23.6		50 %	43-116	02/05/12	02/07/12 10:08	R3QA201
Surrogate: 2,4,6-Tribromophenol	52.9		56 %	10-123	02/05/12	02/07/12 10:08	R3QA201
Surrogate: Terphenyl-d14	29.1		61 %	33-141	02/05/12	02/07/12 10:08	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.6	B, J	2.0	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Bromoform	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Chloroform	0.06	B, J	0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210



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701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW41-P	Lab ID: 1202001-32
Sample Matrix: Drinking Water	Date Collected: 02/02/2012

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
1,2-Dibromo-3-chloropropane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,2-Dibromoethane (EDB)	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Dibromomethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,2-Dichlorobenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,3-Dichlorobenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,4-Dichlorobenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Dichlorodifluoromethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,1-Dichloroethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,2-Dichloroethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,1-Dichloroethene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
cis-1,2-Dichloroethene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
trans-1,2-Dichloroethene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,2-Dichloropropane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,3-Dichloropropane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
2,2-Dichloropropane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,1-Dichloropropene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
cis-1,3-Dichloropropene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
trans-1,3-Dichloropropene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Ethylbenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Freon 113	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Styrene	U		1.0	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
Toluene	0.3	B, J	0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/08/12	02/08/12 19:50	CLP trace/R3QA210



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Region 3 Environmental Science Center
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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW41-P Lab ID: 1202001-32
Sample Matrix: Drinking Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



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Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB17 Lab ID: 1202001-34
Sample Matrix: Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone (6.7 ug/L), Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB17	Lab ID: 1202001-34
Sample Matrix: Water	Date Collected: 02/02/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Freon 113	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Styrene	U		1.0	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Toluene	0.9		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 4-Bromofluorobenzene</i>	3.900		98 %	86-115	02/09/12	02/09/12 11:24	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.210		105 %	76-114	02/09/12	02/09/12 11:24	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.090		102 %	88-110	02/09/12	02/09/12 11:24	CLP trace/R3QA210



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Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB18 Lab ID: 1202001-35
Sample Matrix: Water Date Collected: 02/02/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone (6.6 ug/L), Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



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 701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB18	Lab ID: 1202001-35
Sample Matrix: Water	Date Collected: 02/02/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Freon 113	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Methylene Chloride	0.1	J	0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Styrene	U		1.0	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Toluene	0.8		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/09/12	02/09/12 11:51	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery Limits	%Recovery	Prepared	Analyzed	Method/SOP#
Surrogate: 4-Bromofluorobenzene	4.110		103 %	86-115	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Surrogate: 1,2-Dichloroethane-d4	4.330		108 %	76-114	02/09/12	02/09/12 11:51	CLP trace/R3QA210
Surrogate: Toluene-d8	4.100		102 %	88-110	02/09/12	02/09/12 11:51	CLP trace/R3QA210



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Office of Analytical Services and Quality Assurance
701 Mapes Road
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Site Name: Dimock Residential Groundwater
Station ID: TB19
Sample Matrix: Water
Project #: DAS R33907
Lab ID: 1202001-36
Date Collected: 02/03/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



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 701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB19	Lab ID: 1202001-36
Sample Matrix: Water	Date Collected: 02/03/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Freon 113	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Styrene	U		1.0	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Toluene	0.1	J	0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210
o-Xylene	0.05	J	1.0	1	02/09/12	02/09/12 12:18	CLP trace/R3QA210

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 4-Bromofluorobenzene</i>	3.980		100 %	86-115	02/09/12	02/09/12 12:18	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.340		108 %	76-114	02/09/12	02/09/12 12:18	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.070		102 %	88-110	02/09/12	02/09/12 12:18	CLP trace/R3QA210



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Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW28b-P	Lab ID: 1202001-43
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/07/12	02/08/12 12:58	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 12:58	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 12:58	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 12:58	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 12:58	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Acenaphthylene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Acetophenone	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Anthracene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Atrazine	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Benzaldehyde	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Benzo(a)anthracene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Benzo(a)pyrene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
1,1-Biphenyl	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Bis(2-ethylhexyl)phthalate	0.159	B, J	5.00	1	02/08/12	02/13/12 19:51	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Carbazole	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Caprolactam	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
4-Chloroaniline	U		60.0	1	02/08/12	02/13/12 19:51	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
2-Chloronaphthalene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
2-Chlorophenol	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Chrysene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201
Dibenzofuran	0.013	J	5.00	1	02/08/12	02/13/12 19:51	R3QA201
3,3'-Dichlorobenzidine	U		60.0	1	02/08/12	02/13/12 19:51	R3QA201



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW28b-P Lab ID: 1202001-43
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, Fluorene, and Pyrene.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW28b-P	Lab ID: 1202001-43
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/08/12	02/13/12 19:51	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	81.8		82 %	21-110	02/08/12	02/13/12 19:51	R3QA201
Surrogate: Phenol-d5	90.5		91 %	10-110	02/08/12	02/13/12 19:51	R3QA201
Surrogate: Nitrobenzene-d5	41.7		83 %	35-114	02/08/12	02/13/12 19:51	R3QA201
Surrogate: 2-Fluorobiphenyl	42.4		85 %	43-116	02/08/12	02/13/12 19:51	R3QA201
Surrogate: 2,4,6-Tribromophenol	92.6		93 %	10-123	02/08/12	02/13/12 19:51	R3QA201
Surrogate: Terphenyl-d14	44.2		88 %	33-141	02/08/12	02/13/12 19:51	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	1.2	B, J	2.0	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Benzene	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Bromoform	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Chloroform	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/09/12	02/09/12 14:51	CLP trace/R3QA210



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW28b-P Lab ID: 1202001-43
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW28b-P Lab ID: 1202001-43
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW09	Lab ID: 1202001-44
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/07/12	02/08/12 13:11	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 13:11	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 13:11	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 13:11	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 13:11	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Acenaphthylene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Acetophenone	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Anthracene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Atrazine	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Benzaldehyde	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Benzo(a)anthracene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Benzo(a)pyrene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
1,1-Biphenyl	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Bis(2-ethylhexyl)phthalate	0.109	B, J	5.00	1	02/08/12	02/13/12 20:42	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Carbazole	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Caprolactam	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
4-Chloroaniline	U		60.0	1	02/08/12	02/13/12 20:42	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
2-Chloronaphthalene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
2-Chlorophenol	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Chrysene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
Dibenzofuran	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201
3,3'-Dichlorobenzidine	U		60.0	1	02/08/12	02/13/12 20:42	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW09 Lab ID: 1202001-44
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW09	Lab ID: 1202001-44
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/08/12	02/13/12 20:42	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	90.0		90 %	21-110	02/08/12	02/13/12 20:42	R3QA201
Surrogate: Phenol-d5	95.4		95 %	10-110	02/08/12	02/13/12 20:42	R3QA201
Surrogate: Nitrobenzene-d5	43.1		86 %	35-114	02/08/12	02/13/12 20:42	R3QA201
Surrogate: 2-Fluorobiphenyl	44.5		89 %	43-116	02/08/12	02/13/12 20:42	R3QA201
Surrogate: 2,4,6-Tribromophenol	94.3		94 %	10-123	02/08/12	02/13/12 20:42	R3QA201
Surrogate: Terphenyl-d14	50.4		101 %	33-141	02/08/12	02/13/12 20:42	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.5	B, J	2.0	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Benzene	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Bromoform	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Chloroform	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/09/12	02/09/12 15:19	CLP trace/R3QA210



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW09 Lab ID: 1202001-44
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW09 Lab ID: 1202001-44
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW09-P	Lab ID: 1202001-45
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/07/12	02/08/12 13:25	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 13:25	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 13:25	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 13:25	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 13:25	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Acenaphthylene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Acetophenone	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Anthracene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Atrazine	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Benzaldehyde	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Benzo(a)anthracene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Benzo(a)pyrene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
1,1-Biphenyl	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Bis(2-ethylhexyl)phthalate	0.064	B, J	5.00	1	02/08/12	02/13/12 21:33	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Carbazole	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Caprolactam	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
4-Chloroaniline	U		60.0	1	02/08/12	02/13/12 21:33	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2-Chloronaphthalene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2-Chlorophenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Chrysene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Dibenzofuran	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
3,3'-Dichlorobenzidine	U		60.0	1	02/08/12	02/13/12 21:33	R3QA201



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 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW09-P	Lab ID: 1202001-45
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

Semivolatile Organic Compounds
 Targets (Continued)

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Diethyl phthalate	0.017	B, J	5.00	1	02/08/12	02/13/12 21:33	R3QA201
2,4-Dichlorophenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2,4-Dimethylphenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Dimethyl phthalate	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2,4-Dinitrophenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Di-n-butyl phthalate	0.256	B, J	5.00	1	02/08/12	02/13/12 21:33	R3QA201
4,6-Dinitro-2-methylphenol	U		10.0	1	02/08/12	02/13/12 21:33	R3QA201
2,4-Dinitrotoluene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2,6-Dinitrotoluene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Di-n-octyl phthalate	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Fluoranthene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Fluorene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Hexachlorobenzene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Hexachlorobutadiene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Hexachlorocyclopentadiene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Hexachloroethane	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Indeno(1,2,3-cd)pyrene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Isophorone	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2-Methoxyethanol	U		60.0	1	02/08/12	02/13/12 21:33	R3QA201
1-Methylnaphthalene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2-Methylnaphthalene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2-Methylphenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
4-Methylphenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Naphthalene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2-Nitroaniline	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
3-Nitroaniline	U		60.0	1	02/08/12	02/13/12 21:33	R3QA201
4-Nitroaniline	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Nitrobenzene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2-Nitrophenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
4-Nitrophenol	U		10.0	1	02/08/12	02/13/12 21:33	R3QA201
N-Nitrosodimethylamine	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
N-Nitroso-di-n-propylamine	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
N-Nitrosodiphenylamine	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Pentachlorophenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Phenanthrene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Phenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
Pyrene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
1,2,4,5-Tetrachlorobenzene	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2,3,4,6-Tetrachlorophenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201
2,4,5-Trichlorophenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201



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701 Mapes Road
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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW09-P	Lab ID: 1202001-45
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/08/12	02/13/12 21:33	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	46.7		47 %	21-110	02/08/12	02/13/12 21:33	R3QA201
Surrogate: Phenol-d5	54.2		54 %	10-110	02/08/12	02/13/12 21:33	R3QA201
Surrogate: Nitrobenzene-d5	24.1		48 %	35-114	02/08/12	02/13/12 21:33	R3QA201
Surrogate: 2-Fluorobiphenyl	26.2		52 %	43-116	02/08/12	02/13/12 21:33	R3QA201
Surrogate: 2,4,6-Tribromophenol	48.0		48 %	10-123	02/08/12	02/13/12 21:33	R3QA201
Surrogate: Terphenyl-d14	25.7		51 %	33-141	02/08/12	02/13/12 21:33	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	3.1	B, J	2.0	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Benzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Bromoform	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Chloroform	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW09-P	Lab ID: 1202001-45
Sample Matrix: Drinking Water	Date Collected: 02/03/2012

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
1,2-Dibromo-3-chloropropane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,2-Dibromoethane (EDB)	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Dibromomethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,2-Dichlorobenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,3-Dichlorobenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,4-Dichlorobenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Dichlorodifluoromethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,1-Dichloroethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,2-Dichloroethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,1-Dichloroethene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
cis-1,2-Dichloroethene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
trans-1,2-Dichloroethene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,2-Dichloropropane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,3-Dichloropropane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
2,2-Dichloropropane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,1-Dichloropropene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
cis-1,3-Dichloropropene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
trans-1,3-Dichloropropene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Ethylbenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Freon 113	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Styrene	U		1.0	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
Toluene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/09/12	02/09/12 15:46	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW09-P Lab ID: 1202001-45
Sample Matrix: Drinking Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: FB10	Lab ID: 1202001-46
Sample Matrix: Water	Date Collected: 02/03/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/07/12	02/08/12 13:39	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/07/12	02/08/12 13:39	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/07/12	02/08/12 13:39	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/07/12	02/08/12 13:39	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/07/12	02/08/12 13:39	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Acenaphthylene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Acetophenone	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Anthracene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Atrazine	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Benzaldehyde	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Benzo(a)anthracene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Benzo(a)pyrene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
1,1-Biphenyl	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Bis(2-ethylhexyl)phthalate	0.165	B, J	5.00	1	02/08/12	02/13/12 22:23	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Carbazole	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Caprolactam	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
4-Chloroaniline	U		60.0	1	02/08/12	02/13/12 22:23	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
2-Chloronaphthalene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
2-Chlorophenol	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Chrysene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
Dibenzofuran	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201
3,3'-Dichlorobenzidine	U		60.0	1	02/08/12	02/13/12 22:23	R3QA201



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB10 Lab ID: 1202001-46
Sample Matrix: Water Date Collected: 02/03/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Diethyl phthalate, 2,4-Dichlorophenol, 2,4-Dimethylphenol, Dimethyl phthalate, 2,4-Dinitrophenol, Di-n-butyl phthalate, 4,6-Dinitro-2-methylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, Di-n-octyl phthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Indeno(1,2,3-cd)pyrene, Isophorone, 2-Methoxyethanol, 1-Methylnaphthalene, 2-Methylnaphthalene, 2-Methylphenol, 4-Methylphenol, Naphthalene, 2-Nitroaniline, 3-Nitroaniline, 4-Nitroaniline, Nitrobenzene, 2-Nitrophenol, 4-Nitrophenol, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, Pentachlorophenol, Phenanthrene, Phenol, Pyrene, 1,2,4,5-Tetrachlorobenzene, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: FB10	Lab ID: 1202001-46
Sample Matrix: Water	Date Collected: 02/03/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/08/12	02/13/12 22:23	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	78.3		78 %	21-110	02/08/12	02/13/12 22:23	R3QA201
Surrogate: Phenol-d5	89.4		89 %	10-110	02/08/12	02/13/12 22:23	R3QA201
Surrogate: Nitrobenzene-d5	41.2		82 %	35-114	02/08/12	02/13/12 22:23	R3QA201
Surrogate: 2-Fluorobiphenyl	42.7		85 %	43-116	02/08/12	02/13/12 22:23	R3QA201
Surrogate: 2,4,6-Tribromophenol	93.0		93 %	10-123	02/08/12	02/13/12 22:23	R3QA201
Surrogate: Terphenyl-d14	46.6		93 %	33-141	02/08/12	02/13/12 22:23	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	3.1	J	2.0	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Benzene	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Bromodichloromethane	0.07	J	0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Bromoform	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
2-Butanone	0.7	J	2.0	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Chloroform	0.1	J	0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/09/12	02/09/12 16:14	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB10 Lab ID: 1202001-46
Sample Matrix: Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, Toluene, etc., with their respective results and limits.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB10 Lab ID: 1202001-46
Sample Matrix: Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB20 Lab ID: 1202001-47
Sample Matrix: Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB20	Lab ID: 1202001-47
Sample Matrix: Water	Date Collected: 02/03/2012

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Freon 113	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Styrene	U		1.0	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Toluene	0.1	J	0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210
o-Xylene	0.06	J	1.0	1	02/09/12	02/09/12 16:42	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate: 4-Bromofluorobenzene	4.030		101 % 86-115	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Surrogate: 1,2-Dichloroethane-d4	4.490		112 % 76-114	02/09/12	02/09/12 16:42	CLP trace/R3QA210
Surrogate: Toluene-d8	4.040		101 % 88-110	02/09/12	02/09/12 16:42	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW39-P Lab ID: 1202001-48
Sample Matrix: Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW39-P	Lab ID: 1202001-48
Sample Matrix: Water	Date Collected: 02/03/2012

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Freon 113	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Styrene	U		1.0	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Toluene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/09/12	02/09/12 17:10	CLP trace/R3QA210

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 4-Bromofluorobenzene	3.890		97 %	86-115	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Surrogate: 1,2-Dichloroethane-d4	4.400		110 %	76-114	02/09/12	02/09/12 17:10	CLP trace/R3QA210
Surrogate: Toluene-d8	4.100		102 %	88-110	02/09/12	02/09/12 17:10	CLP trace/R3QA210



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB21 Lab ID: 1202001-49
Sample Matrix: Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB21	Lab ID: 1202001-49
Sample Matrix: Water	Date Collected: 02/03/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Freon 113	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Styrene	U		1.0	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Toluene	0.1	J	0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210
o-Xylene	0.06	J	1.0	1	02/09/12	02/09/12 17:37	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery Limits	%Recovery	Prepared	Analyzed	Method/SOP#
Surrogate: 4-Bromofluorobenzene	4.000		100 %	86-115	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Surrogate: 1,2-Dichloroethane-d4	4.360		109 %	76-114	02/09/12	02/09/12 17:37	CLP trace/R3QA210
Surrogate: Toluene-d8	4.150		104 %	88-110	02/09/12	02/09/12 17:37	CLP trace/R3QA210



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701 Mapes Road
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Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB22 Lab ID: 1202001-50
Sample Matrix: Water Date Collected: 02/03/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



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Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB22	Lab ID: 1202001-50
Sample Matrix: Water	Date Collected: 02/03/2012

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Freon 113	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Styrene	U		1.0	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Toluene	0.1	J	0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210
o-Xylene	0.06	J	1.0	1	02/09/12	02/09/12 18:04	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery Limits	%Recovery	Prepared	Analyzed	Method/SOP#
Surrogate: 4-Bromofluorobenzene	3.960		99 %	86-115	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Surrogate: 1,2-Dichloroethane-d4	4.440		111 %	76-114	02/09/12	02/09/12 18:04	CLP trace/R3QA210
Surrogate: Toluene-d8	4.140		104 %	88-110	02/09/12	02/09/12 18:04	CLP trace/R3QA210



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701 Mapes Road
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Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-01					
Station ID:	HW42					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.00			02/06/12 19:00	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-01					
Station ID:	HW42					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.0			02/08/12 12:12	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.



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Site Name: **Dimock Residential Groundwater**

Project #: **DAS R33907**

Tentatively Identified Compound (TIC) Report
Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-06					
Station ID:	TB15					
Sample Matrix:	Water					
Collected:	02/02/2012					
	None Detected	0.0			02/08/12 13:33	CLP trace/R3QA210

Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-07					
Station ID:	FB09					
Sample Matrix:	Water					
Collected:	02/02/2012					
	None Detected	0.00			02/06/12 21:32	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-07					
Station ID:	FB09					
Sample Matrix:	Water					
Collected:	02/02/2012					
	None Detected	0.0			02/08/12 14:00	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-08					
Station ID:	FB08					
Sample Matrix:	Water					
Collected:	02/01/2012					
	None Detected	0.00			02/06/12 22:22	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-08					
Station ID:	FB08					
Sample Matrix:	Water					
Collected:	02/01/2012					
75-28-5	Isobutane	7.0	T	1.33	02/08/12 14:27	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-10					
Station ID:	HW34a					
Sample Matrix:	Drinking Water					
Collected:	02/01/2012					
13798-23-7	Hexasulfur	1.99	T	7.59	02/06/12 23:13	R3QA201
10544-50-0	Cyclic octaatomic sulfur	29.2	T	9.90	02/06/12 23:13	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-10					
Station ID:	HW34a					
Sample Matrix:	Drinking Water					
Collected:	02/01/2012					
7446-09-5	Sulfur dioxide	22.0	T	1.28	02/08/12 14:54	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-13					
Station ID:	HW42z					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.0			02/07/12 00:03	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-13					
Station ID:	HW42z					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.0			02/08/12 15:21	CLP trace/R3QA210

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-15					
Station ID:	TB16					
Sample Matrix:	Water					
Collected:	02/02/2012					
	None Detected	0.0			02/08/12 15:48	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-17					
Station ID:	HW34a-P					
Sample Matrix:	Drinking Water					
Collected:	02/01/2012					
	None Detected	0.00			02/07/12 00:53	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-17					
Station ID:	HW34a-P					
Sample Matrix:	Drinking Water					
Collected:	02/01/2012					
	None Detected	0.0			02/08/12 16:15	CLP trace/R3QA210

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-19					
Station ID:	TB14					
Sample Matrix:	Water					
Collected:	02/01/2012					
75-28-5	Isobutane	8.7	T	1.33	02/08/12 16:42	CLP trace/R3QA210



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Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-20					
Station ID:	HW28a					
Sample Matrix:	Drinking Water					
Collected:	02/03/2012					
	None Detected	0.00			02/07/12 04:15	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-20					
Station ID:	HW28a					
Sample Matrix:	Drinking Water					
Collected:	02/03/2012					
	None Detected	0.0			02/08/12 17:09	CLP trace/R3QA210

Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-22					
Station ID:	HW28a-P					
Sample Matrix:	Drinking Water					
Collected:	02/03/2012					
	None Detected	0.00			02/07/12 05:05	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-22					
Station ID:	HW28a-P					
Sample Matrix:	Drinking Water					
Collected:	02/03/2012					
	None Detected	0.0			02/08/12 17:36	CLP trace/R3QA210



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Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-23, Station ID: HW39, Sample Matrix: Drinking Water, Collected: 02/03/2012, and a row for 'None Detected' with result 0.0 and analyzed date 02/07/12 05:56.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-23, Station ID: HW39, Sample Matrix: Drinking Water, Collected: 02/03/2012, and a row for 'None Detected' with result 0.0 and analyzed date 02/08/12 18:03.

Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-24, Station ID: HW39-P, Sample Matrix: Drinking Water, Collected: 02/03/2012, and a row for 'unknown' with result 5.95, qualifier T, retention time 4.00, and analyzed date 02/07/12 06:46.



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Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-26					
Station ID:	HW40					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.00			02/07/12 07:36	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-26					
Station ID:	HW40					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.0			02/08/12 18:29	CLP trace/R3QA210

Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-28					
Station ID:	HW40-P					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.00			02/07/12 08:27	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-28					
Station ID:	HW40-P					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.0			02/08/12 18:56	CLP trace/R3QA210



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Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-30					
Station ID:	HW41					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.00			02/07/12 09:17	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-30					
Station ID:	HW41					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.0			02/08/12 19:23	CLP trace/R3QA210

Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-32					
Station ID:	HW41-P					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.00			02/07/12 10:08	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-32					
Station ID:	HW41-P					
Sample Matrix:	Drinking Water					
Collected:	02/02/2012					
	None Detected	0.0			02/08/12 19:50	CLP trace/R3QA210



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Tentatively Identified Compound (TIC) Report
Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 1202001-34						
Station ID: TB17						
Sample Matrix: Water						
Collected: 02/02/2012						
	None Detected	0.0			02/09/12 11:24	CLP trace/R3QA210

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 1202001-35						
Station ID: TB18						
Sample Matrix: Water						
Collected: 02/02/2012						
	None Detected	0.0			02/09/12 11:51	CLP trace/R3QA210

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 1202001-36						
Station ID: TB19						
Sample Matrix: Water						
Collected: 02/03/2012						
75-28-5	Isobutane	3.9	T	1.33	02/09/12 12:18	CLP trace/R3QA210



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Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-43					
Station ID:	HW28b-P					
Sample Matrix:	Drinking Water					
Collected:	02/03/2012					
NA	unknown (01)	4.94	T	3.32	02/13/12 19:51	R3QA201
NA	unknown (02)	12.8	T	3.56	02/13/12 19:51	R3QA201
NA	unknown (03)	4.03	T	3.65	02/13/12 19:51	R3QA201
NA	unknown (04)	4.79	T	3.75	02/13/12 19:51	R3QA201
4291-79-6	Cyclohexane, 1-methyl-2-propyl-	8.00	T	3.78	02/13/12 19:51	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-43					
Station ID:	HW28b-P					
Sample Matrix:	Drinking Water					
Collected:	02/03/2012					
	None Detected	0.0			02/09/12 14:51	CLP trace/R3QA210



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Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-44					
Station ID:	HW09					
Sample Matrix:	Drinking Water					
Collected:	02/03/2012					
NA	unknown (01)	5.46	T	3.31	02/13/12 20:42	R3QA201
NA	unknown (02)	10.1	T	3.55	02/13/12 20:42	R3QA201
NA	unknown (03)	3.34	T	3.65	02/13/12 20:42	R3QA201
NA	unknown (04)	3.79	T	3.75	02/13/12 20:42	R3QA201
4291-79-6	Cyclohexane, 1-methyl-2-propyl-	6.16	T	3.78	02/13/12 20:42	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1202001-44					
Station ID:	HW09					
Sample Matrix:	Drinking Water					
Collected:	02/03/2012					
	None Detected	0.0			02/09/12 15:19	CLP trace/R3QA210



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Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-45, Station ID: HW09-P, Sample Matrix: Drinking Water, Collected: 02/03/2012. Result: None Detected, 0.00. Analyzed: 02/13/12 21:33, Method/SOP#: R3QA201.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-45, Station ID: HW09-P, Sample Matrix: Drinking Water, Collected: 02/03/2012. Result: None Detected, 0.0. Analyzed: 02/09/12 15:46, Method/SOP#: CLP trace/R3QA210.

Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-46, Station ID: FB10, Sample Matrix: Water, Collected: 02/03/2012. Result: None Detected, 0.00. Analyzed: 02/13/12 22:23, Method/SOP#: R3QA201.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-46, Station ID: FB10, Sample Matrix: Water, Collected: 02/03/2012. Row 1: 75-28-5 Isobutane, 12.9, T, 1.33, 02/09/12 16:14, CLP trace/R3QA210.



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Tentatively Identified Compound (TIC) Report
Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-47, Station ID: TB20, Sample Matrix: Water, Collected: 02/03/2012, and a data row for Isobutane (CAS 75-28-5) with a result of 4.1 ug/L.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-48, Station ID: HW39-P, Sample Matrix: Water, Collected: 02/03/2012, and a data row for 'None Detected' with a result of 0.0 ug/L.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-49, Station ID: TB21, Sample Matrix: Water, Collected: 02/03/2012, and a data row for Isobutane (CAS 75-28-5) with a result of 3.8 ug/L.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1202001-50, Station ID: TB22, Sample Matrix: Water, Collected: 02/03/2012, and a data row for Isobutane (CAS 75-28-5) with a result of 3.4 ug/L.



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QC Data
Alcohols

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB20401 - Alcohols

Blank (BB20401-BLK1)

Prepared: 02/04/12 07:04 Analyzed: 02/04/12 10:22

1-Butanol	U	10.0	ug/mL							
2-Butanol	U	10.0	"							
Ethanol	U	10.0	"							
Methanol	U	10.0	"							
1-Propanol	U	10.0	"							

LCS (BB20401-BS1)

Prepared: 02/04/12 07:04 Analyzed: 02/04/12 10:36

1-Butanol	107	10.0	ug/mL	100.00		107	70-130			
2-Butanol	103	10.0	"	100.00		103	70-130			
Ethanol	106	10.0	"	100.00		106	70-130			
Methanol	94.9	10.0	"	100.00		95	70-130			
1-Propanol	103	10.0	"	100.00		103	70-130			

Matrix Spike (BB20401-MS1)

Source: 1202001-17

Prepared: 02/04/12 07:04 Analyzed: 02/04/12 16:06

1-Butanol	111	10.0	ug/mL	100.00	0.00	111	70-130			
2-Butanol	106	10.0	"	100.00	0.00	106	70-130			
Ethanol	106	10.0	"	100.00	0.00	106	70-130			
Methanol	99.4	10.0	"	100.00	0.00	99	70-130			
1-Propanol	107	10.0	"	100.00	0.00	107	70-130			

Matrix Spike Dup (BB20401-MSD1)

Source: 1202001-17

Prepared: 02/04/12 07:04 Analyzed: 02/04/12 16:19

1-Butanol	111	10.0	ug/mL	100.00	0.00	111	70-130	0.2	25	
2-Butanol	107	10.0	"	100.00	0.00	107	70-130	0.2	25	
Ethanol	105	10.0	"	100.00	0.00	105	70-130	0.5	25	
Methanol	100	10.0	"	100.00	0.00	100	70-130	0.7	25	
1-Propanol	107	10.0	"	100.00	0.00	107	70-130	0.02	25	



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QC Data
Alcohols

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20705 - Alcohols

Blank (BB20705-BLK1)

Prepared: 02/07/12 14:56 Analyzed: 02/08/12 10:13

Table with 4 columns: Analyte, Result, Quantitation Limit, Units. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

LCS (BB20705-BS1)

Prepared: 02/07/12 14:56 Analyzed: 02/08/12 10:27

Table with 7 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Matrix Spike (BB20705-MS1)

Source: 1202001-20

Prepared: 02/07/12 14:56 Analyzed: 02/08/12 10:54

Table with 8 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, RPD. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Matrix Spike Dup (BB20705-MSD1)

Source: 1202001-20

Prepared: 02/07/12 14:56 Analyzed: 02/08/12 11:08

Table with 10 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, RPD, RPD Limit, Notes. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.



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QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20502 - EPA 3520C SVOC

Blank (BB20502-BLK1)

Prepared: 02/05/12 12:25 Analyzed: 02/07/12 10:59

Main data table listing various chemical analytes (e.g., Acenaphthene, Atrazine, Benzaldehyde) with their corresponding results (mostly 'U' for undetectable) and limits (5.00 ug/L).



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QC Data
Semivolatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB20502 - EPA 3520C SVOC

Blank (BB20502-BLK1)

Prepared: 02/05/12 12:25 Analyzed: 02/07/12 10:59

Hexachlorobenzene	U	5.00	ug/L							
Hexachlorobutadiene	U	5.00	"							
Hexachlorocyclopentadiene	U	5.00	"							
Hexachloroethane	U	5.00	"							
Indeno(1,2,3-cd)pyrene	U	5.00	"							
Isophorone	U	5.00	"							
2-Methoxyethanol	U	5.00	"							
1-Methylnaphthalene	U	5.00	"							
2-Methylnaphthalene	U	5.00	"							
2-Methylphenol	U	5.00	"							
4-Methylphenol	U	5.00	"							
Naphthalene	U	5.00	"							
2-Nitroaniline	U	5.00	"							
3-Nitroaniline	U	5.00	"							
4-Nitroaniline	U	5.00	"							
Nitrobenzene	U	5.00	"							
2-Nitrophenol	U	5.00	"							
4-Nitrophenol	U	10.0	"							
N-Nitrosodimethylamine	U	5.00	"							
N-Nitroso-di-n-propylamine	U	5.00	"							
N-Nitrosodiphenylamine	U	5.00	"							
Pentachlorophenol	U	5.00	"							
Phenanthrene	U	5.00	"							
Phenol	U	5.00	"							
Pyrene	U	5.00	"							
1,2,4,5-Tetrachlorobenzene	U	5.00	"							
2,3,4,6-Tetrachlorophenol	U	5.00	"							
2,4,5-Trichlorophenol	U	5.00	"							
2,4,6-Trichlorophenol	U	5.00	"							
Decane, 3,3,4-trimethyl-	4.20		"							T
Cyclohexane, 1-methyl-2-propyl-	6.74		"							T
unknown (04)	3.70		"							T
unknown (03)	12.5		"							T
unknown (02)	3.80		"							T
unknown (01)	6.90		"							T
2-Hexene, 3,5,5-trimethyl-	2.59		"							T
Cyclododecane	16.7		"							T
Benzaldehyde, 3,5-dimethyl-	3.05		"							T
Surrogate: 2-Fluorophenol	28.2		"	100.00		28	21-110			
Surrogate: Phenol-d5	34.7		"	100.00		35	10-110			
Surrogate: Nitrobenzene-d5	27.4		"	50.000		55	35-114			



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QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20502 - EPA 3520C SVOC

Blank (BB20502-BLK1)

Prepared: 02/05/12 12:25 Analyzed: 02/07/12 10:59

Table with 11 columns for surrogate compounds: 2-Fluorobiphenyl, 2,4,6-Tribromophenol, Terphenyl-d14

LCS (BB20502-BS1)

Prepared: 02/05/12 12:25 Analyzed: 02/06/12 17:18

Table with 11 columns for various organic compounds including Benzo(a)pyrene, Bis(2-chloroethyl)ether, 4-Chloroaniline, etc.



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QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20502 - EPA 3520C SVOC

LCS (BB20502-BS2)

Prepared: 02/05/12 12:25 Analyzed: 02/06/12 18:09

Main data table listing analytes, results, and limits for various compounds like Benzo(a)pyrene, Bis(2-chloroethyl)ether, etc.



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QC Data
Semivolatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB20502 - EPA 3520C SVOC

Matrix Spike (BB20502-MS1)	Source: 1202001-17			Prepared: 02/05/12 12:25		Analyzed: 02/07/12 01:44		
Benzo(a)pyrene	28.0	5.00	ug/L	60.000	0.00	47	30-150	
Bis(2-chloroethyl)ether	20.8	5.00	"	60.000	0.00	35	30-150	
4-Chloroaniline	27.2	5.00	"	60.000	0.00	45	30-150	
4-Chloro-3-methylphenol	31.5	5.00	"	60.000	0.00	53	26-103	
2-Chlorophenol	22.2	5.00	"	60.000	0.00	37	25-102	
Diethyl phthalate	29.0	5.00	"	60.000	0.035	48	30-150	
2,4-Dinitrotoluene	29.9	5.00	"	60.000	0.00	50	28-89	
Hexachlorobenzene	26.0	5.00	"	60.000	0.00	43	30-150	
Hexachlorobutadiene	19.1	5.00	"	60.000	0.00	32	30-150	
Hexachloroethane	17.2	5.00	"	60.000	0.00	29	30-150	A
Isophorone	27.1	5.00	"	60.000	0.00	45	30-150	A
2-Methoxyethanol	U	5.00	"	57.900	0.00		30-150	A
1-Methylnaphthalene	32.8	5.00	"	60.000	0.00	55	30-150	
Naphthalene	21.9	5.00	"	60.000	0.00	37	30-150	
Nitrobenzene	23.6	5.00	"	60.000	0.00	39	30-150	
4-Nitrophenol	36.1	10.0	"	60.000	0.00	60	11-114	
N-Nitroso-di-n-propylamine	27.7	5.00	"	60.000	0.00	46	41-126	
N-Nitrosodiphenylamine	28.3	5.00	"	60.000	0.00	47	30-150	
Pentachlorophenol	26.1	5.00	"	60.000	0.00	44	17-109	
Phenol	24.4	5.00	"	60.000	0.00	41	26-90	
2,4,5-Trichlorophenol	30.9	5.00	"	60.000	0.00	52	30-150	
2,4,6-Trichlorophenol	30.3	5.00	"	60.000	0.00	51	30-150	
<i>Surrogate: 2-Fluorophenol</i>	<i>35.0</i>		<i>"</i>	<i>100.00</i>		<i>35</i>	<i>21-110</i>	
<i>Surrogate: Phenol-d5</i>	<i>44.9</i>		<i>"</i>	<i>100.00</i>		<i>45</i>	<i>10-110</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>21.1</i>		<i>"</i>	<i>50.000</i>		<i>42</i>	<i>35-114</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>21.8</i>		<i>"</i>	<i>50.000</i>		<i>44</i>	<i>43-116</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>53.7</i>		<i>"</i>	<i>100.00</i>		<i>54</i>	<i>10-123</i>	
<i>Surrogate: Terphenyl-d14</i>	<i>24.2</i>		<i>"</i>	<i>50.000</i>		<i>48</i>	<i>33-141</i>	



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QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20502 - EPA 3520C SVOC

Main data table with columns for Matrix Spike Dup, Source, Prepared, Analyzed, and various chemical analytes with their respective results and limits.



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QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20801 - EPA 3520C SVOC

Blank (BB20801-BLK1)

Prepared: 02/08/12 07:30 Analyzed: 02/14/12 15:03

Main data table listing various chemical analytes (e.g., Acenaphthene, Benzaldehyde, Bis(2-chloroethoxy)methane) with their corresponding results (mostly 'U') and limits (5.00 ug/L).



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QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20801 - EPA 3520C SVOC

Blank (BB20801-BLK1)

Prepared: 02/08/12 07:30 Analyzed: 02/14/12 15:03

Main data table listing various compounds (e.g., Hexachlorobenzene, Nitrobenzene, Phenol) with their respective results, limits, and units.



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QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20801 - EPA 3520C SVOC

LCS (BB20801-BS1)

Prepared: 02/08/12 07:30 Analyzed: 02/14/12 15:54

Main data table listing various compounds like Benzo(a)pyrene, Bis(2-chloroethyl)ether, 4-Chloroaniline, etc., with their respective results and limits.



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QC Data
 Semivolatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB20801 - EPA 3520C SVOC

LCS (BB20801-BS2)

Prepared: 02/08/12 07:30

Analyzed: 02/14/12 16:45

Benzo(a)pyrene	53.4	5.00	ug/L	60.000		89	30-150			
Bis(2-chloroethyl)ether	41.9	5.00	"	60.000		70	30-150			
4-Chloroaniline	31.6	5.00	"	60.000		53	30-150			
4-Chloro-3-methylphenol	50.5	5.00	"	60.000		84	26-103			
2-Chlorophenol	43.5	5.00	"	60.000		72	25-102			
Diethyl phthalate	50.7	5.00	"	60.000		84	30-150			
2,4-Dinitrotoluene	56.3	5.00	"	60.000		94	28-89			A
Hexachlorobenzene	50.3	5.00	"	60.000		84	30-150			
Hexachlorobutadiene	38.0	5.00	"	60.000		63	30-150			
Hexachloroethane	32.3	5.00	"	60.000		54	30-150			
Isophorone	46.4	5.00	"	60.000		77	30-150			
2-Methoxyethanol	23.9	5.00	"	57.900		41	30-150			
1-Methylnaphthalene	48.6	5.00	"	60.000		81	30-150			
Naphthalene	41.5	5.00	"	60.000		69	30-150			
Nitrobenzene	45.1	5.00	"	60.000		75	30-150			
4-Nitrophenol	61.0	10.0	"	60.000		102	11-114			
N-Nitroso-di-n-propylamine	46.2	5.00	"	60.000		77	41-126			
N-Nitrosodiphenylamine	43.6	5.00	"	60.000		73	30-150			
Pentachlorophenol	51.7	5.00	"	60.000		86	17-109			
Phenol	45.2	5.00	"	60.000		75	26-90			
2,4,5-Trichlorophenol	50.9	5.00	"	60.000		85	30-150			
2,4,6-Trichlorophenol	51.3	5.00	"	60.000		85	30-150			
Surrogate: 2-Fluorophenol	77.6		"	100.00		78	21-110			
Surrogate: Phenol-d5	83.6		"	100.00		84	10-110			
Surrogate: Nitrobenzene-d5	42.2		"	50.000		84	35-114			
Surrogate: 2-Fluorobiphenyl	45.0		"	50.000		90	43-116			
Surrogate: 2,4,6-Tribromophenol	97.4		"	100.00		97	10-123			
Surrogate: Terphenyl-d14	46.2		"	50.000		92	33-141			



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QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21005 - VOC Purge and Trap

Blank (BB21005-BLK1)

Prepared: 02/08/12 09:00 Analyzed: 02/08/12 11:45

Table listing various chemical compounds (e.g., Acetone, Benzene, Bromobenzene) with their corresponding results (U) and quantitation limits (e.g., 2.0 ug/L, 0.5).



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QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB21005 - VOC Purge and Trap

Blank (BB21005-BLK1)

Prepared: 02/08/12 09:00 Analyzed: 02/08/12 11:45

Hexachlorobutadiene	U	0.5	ug/L							
2-Hexanone	U	2.0	"							
Isopropylbenzene	U	0.5	"							
p-Isopropyltoluene	U	0.5	"							
Methyl Acetate	U	0.5	"							
Methylcyclohexane	U	0.5	"							
Methyl-tert-butyl ether	U	0.5	"							
Methylene Chloride	U	0.5	"							
4-Methyl-2-pentanone	U	2.0	"							
Naphthalene	U	0.5	"							
n-Propylbenzene	U	0.5	"							
Styrene	U	1.0	"							
1,1,2,2-Tetrachloroethane	U	0.5	"							
1,1,1,2-Tetrachloroethane	U	0.5	"							
Tetrachloroethene	U	0.5	"							
Toluene	U	0.5	"							
1,2,3-Trichlorobenzene	U	0.5	"							
1,2,4-Trichlorobenzene	U	0.5	"							
1,1,1-Trichloroethane	U	0.5	"							
1,1,2-Trichloroethane	U	0.5	"							
Trichloroethene	U	0.5	"							
Trichlorofluoromethane	U	0.5	"							
1,2,3-Trichloropropane	U	0.5	"							
1,2,4-Trimethylbenzene	U	0.5	"							
1,3,5-Trimethylbenzene	U	0.5	"							
Vinyl acetate	U	0.5	"							
Vinyl chloride	U	0.5	"							
m-Xylene/p-Xylene	U	1.0	"							
o-Xylene	U	1.0	"							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>3.890</i>	<i>"</i>	<i>"</i>	<i>4.0000</i>	<i>97</i>	<i>86-115</i>				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.000</i>	<i>"</i>	<i>"</i>	<i>4.0000</i>	<i>100</i>	<i>76-114</i>				
<i>Surrogate: Toluene-d8</i>	<i>4.280</i>	<i>"</i>	<i>"</i>	<i>4.0000</i>	<i>107</i>	<i>88-110</i>				



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QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21005 - VOC Purge and Trap

Blank (BB21005-BLK2)

Prepared & Analyzed: 02/09/12 10:56

Table listing various chemical compounds (e.g., Acetone, Benzene, Chlorobenzene) with their corresponding results (U) and quantitation limits (0.5 or 2.0 ug/L).



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QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB21005 - VOC Purge and Trap

Blank (BB21005-BLK2)

Prepared & Analyzed: 02/09/12 10:56

Hexachlorobutadiene	U	0.5	ug/L							
2-Hexanone	U	2.0	"							
Isopropylbenzene	U	0.5	"							
p-Isopropyltoluene	U	0.5	"							
Methyl Acetate	U	0.5	"							
Methylcyclohexane	U	0.5	"							
Methyl-tert-butyl ether	U	0.5	"							
Methylene Chloride	U	0.5	"							
4-Methyl-2-pentanone	U	2.0	"							
Naphthalene	U	0.5	"							
n-Propylbenzene	U	0.5	"							
Styrene	U	1.0	"							
1,1,2,2-Tetrachloroethane	U	0.5	"							
1,1,1,2-Tetrachloroethane	U	0.5	"							
Tetrachloroethene	U	0.5	"							
Toluene	U	0.5	"							
1,2,3-Trichlorobenzene	U	0.5	"							
1,2,4-Trichlorobenzene	U	0.5	"							
1,1,1-Trichloroethane	U	0.5	"							
1,1,2-Trichloroethane	U	0.5	"							
Trichloroethene	U	0.5	"							
Trichlorofluoromethane	U	0.5	"							
1,2,3-Trichloropropane	U	0.5	"							
1,2,4-Trimethylbenzene	U	0.5	"							
1,3,5-Trimethylbenzene	U	0.5	"							
Vinyl acetate	U	0.5	"							
Vinyl chloride	U	0.5	"							
m-Xylene/p-Xylene	U	1.0	"							
o-Xylene	U	1.0	"							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>3.980</i>	<i>"</i>	<i>"</i>	<i>4.0000</i>	<i>100</i>	<i>86-115</i>				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.130</i>	<i>"</i>	<i>"</i>	<i>4.0000</i>	<i>103</i>	<i>76-114</i>				
<i>Surrogate: Toluene-d8</i>	<i>4.160</i>	<i>"</i>	<i>"</i>	<i>4.0000</i>	<i>104</i>	<i>88-110</i>				



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QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21005 - VOC Purge and Trap

LCS (BB21005-BS1)

Prepared: 02/07/12 09:00 Analyzed: 02/07/12 21:42

Main data table listing analytes (e.g., Acetone, Benzene, Bromobenzene) with their respective results, limits, units, spike levels, source results, %REC, and RPD values.



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QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB21005 - VOC Purge and Trap

LCS (BB21005-BS1)

Prepared: 02/07/12 09:00

Analyzed: 02/07/12 21:42

Hexachlorobutadiene	5.63	0.5	ug/L	5.0000		113	80-120			
2-Hexanone	U	2.0	"				80-120			
Isopropylbenzene	5.98	0.5	"	5.0000		120	80-120			
p-Isopropyltoluene	6.00	0.5	"	5.0000		120	80-120			
Methyl Acetate	U	0.5	"				80-120			
Methylcyclohexane	U	0.5	"				80-120			
Methyl-tert-butyl ether	U	0.5	"				80-120			
Methylene Chloride	4.26	0.5	"	5.0000		85	80-120			
4-Methyl-2-pentanone	U	2.0	"				80-120			
Naphthalene	5.62	0.5	"	5.0000		112	80-120			
n-Propylbenzene	5.64	0.5	"	5.0000		113	80-120			
1,1,2,2-Tetrachloroethane	4.68	0.5	"	5.0000		94	80-120			
1,1,1,2-Tetrachloroethane	5.06	0.5	"	5.0000		101	80-120			
Tetrachloroethene	5.24	0.5	"	5.0000		105	80-120			
Toluene	4.89	0.5	"	5.0000		98	80-120			
1,2,3-Trichlorobenzene	5.53	0.5	"	5.0000		111	80-120			
1,2,4-Trichlorobenzene	5.73	0.5	"	5.0000		115	80-120			
1,1,1-Trichloroethane	4.46	0.5	"	5.0000		89	80-120			
1,1,2-Trichloroethane	5.20	0.5	"	5.0000		104	80-120			
Trichloroethene	4.53	0.5	"	5.0000		91	80-120			
Trichlorofluoromethane	4.52	0.5	"	5.0000		90	80-120			
1,2,3-Trichloropropane	5.05	0.5	"	5.0000		101	80-120			
1,2,4-Trimethylbenzene	5.49	0.5	"	5.0000		110	80-120			
1,3,5-Trimethylbenzene	5.52	0.5	"	5.0000		110	80-120			
Vinyl acetate	U	0.5	"				80-120			
Vinyl chloride	5.41	0.5	"	5.0000		108	80-120			
m-Xylene/p-Xylene	10.43	1.0	"	10.000		104	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>3.960</i>		<i>"</i>	<i>4.0000</i>		<i>99</i>	<i>86-115</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.090</i>		<i>"</i>	<i>4.0000</i>		<i>102</i>	<i>76-114</i>			
<i>Surrogate: Toluene-d8</i>	<i>4.070</i>		<i>"</i>	<i>4.0000</i>		<i>102</i>	<i>88-110</i>			



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QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21005 - VOC Purge and Trap

Main data table with columns: Matrix Spike (BB21005-MS1), Source: 1202001-17, Prepared & Analyzed: 02/09/12 18:31, and various analyte results.



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QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21005 - VOC Purge and Trap

Table for Matrix Spike (BB21005-MS1) with columns for analyte, result, limit, units, spike level, source result, %REC, and %REC limits. Includes surrogate data for 4-Bromofluorobenzene, 1,2-Dichloroethane-d4, and Toluene-d8.

Table for Matrix Spike (BB21005-MS2) with columns for analyte, result, limit, units, spike level, source result, %REC, and %REC limits.



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QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21005 - VOC Purge and Trap

Main data table with columns for Matrix Spike (BB21005-MS2), Source (1202001-23), and Prepared & Analyzed (02/09/12 19:24). Lists various VOCs and their results.



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Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21005 - VOC Purge and Trap

Table for Matrix Spike (BB21005-MS2) with columns for analyte, result, limit, units, spike level, source result, %REC, %REC limits, RPD, RPD limit, and notes. Includes surrogate data for 4-Bromofluorobenzene, 1,2-Dichloroethane-d4, and Toluene-d8.

Table for Matrix Spike Dup (BB21005-MSD1) with columns for analyte, result, limit, units, spike level, source result, %REC, %REC limits, RPD, RPD limit, and notes. Lists various VOCs and their corresponding results and limits.



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QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21005 - VOC Purge and Trap

Main data table with columns for analyte, result, limit, units, spike level, source result, %REC, %REC limits, RPD, RPD limit, and notes. Includes sub-headers for Matrix Spike Dup and Source: 1202001-17.



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QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21005 - VOC Purge and Trap

Main data table with columns: Matrix Spike Dup (BB21005-MSD2), Source: 1202001-23, Prepared & Analyzed: 02/09/12 19:50, and various analyte results.



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Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21005 - VOC Purge and Trap

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes. Includes sub-headers for Matrix Spike Dup and Source: 1202001-23.



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Notes and Definitions

- UJ The analyte was not detected at or above the quantitation limit. The quantitation limit is an estimate.
- T Tentatively Identified Compound. Identified as a result of a library search using the EPA/NIST Mass Spectral Library. Standards were not used to verify the identity and quantity of the compound. The reported value is an estimate.
- R The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable.
- J The identification of the analyte is acceptable; the reported value is an estimate.
- B Not detected substantially above (10 times) the level reported in the laboratory or field blanks (including field, trip, rinsate, and equipment blanks).
- A Quality control value is outside acceptance limits.

- %REC Percent Recovery
- RPD Relative Percent Difference
- U Analyte included in the analysis, but not detected at or above the quantitation limit.

QUANTITATION LIMIT: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

SOLID SAMPLE RESULTS - REPORTING PROTOCOL: Solid samples where % Solids (percent dry wt at 105 degrees C) has been performed, are analyzed wet and converted to a dry weight result for reporting purposes. This is routine for organics and most inorganic analyses. When metals and mercury analyses are requested, solid samples are routinely analyzed and reported on a dry weight basis. Solid samples for metals/mercury are prepared for analysis by an initial drying at 60 degree C and homogenization before digestion. Oil-type samples will be analyzed and reported on a wet weight basis for all analyses because of the nature of the sample. Any exceptions to the protocol will be noted with a qualifier

ON-DEMAND: The term 'on-demand' analysis, if noted in the report narrative, refers to Section 13.1.4 in the Region III OASQA Laboratory Quality Manual, which provides procedures for non-routine analyses or analytes.